

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S1 | 2 | "10628569" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/09 12:30 |
| S2 | 173 | ("20010004231" "20010005840" "20010010723" "20010037264" "20010045458" "20010053239" "20020017561" "20020018585" "20020073024" "20020077974" "20020077993" "20020082925" "20020087534" "20020087869" "20020095296" "20020097867" "20020107007" "20020107791" "20020163421" "20020176579" "20020196944" "20030061486" "20030174049" "200400234117" "20040104268" "20050122209" "20050194452" "20060229988" "20060266823" "4182261" "4253086" "4582985" "4636622" "4882195" "5095194" "5194289" "5239166" "5256863" "5363453" "5465328" "5485312" "5598474" "5631961" "5644118" "5666420" "5732148" "5790677" "5869822" "5917168" "5949043" "6003762" "6003767" "6006328" "6010068" "6044388" "6067621" "6069969" "6098053" "6115601" "6137884") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/09 12:32 |

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| S3 | 155 | "5256863" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/09 16:41 |
| S4 | 2 | "5256863".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/09 16:41 |
| S7 | 5 | "0046959" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/09 16:44 |
| S8 | 38 | "6250557" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/10 08:31 |
| S9 | 2 | "6487540".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/10 08:34 |
| S10 | 1974 | ((wireless mobile electronic online on-line) near wallet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/10 10:07 |

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| S11 | 1974 | ((wireless mobile electronic online on-line cafe) near wallet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/10 10:52 |
| S12 | 1830 | ((wireless mobile electronic online on-line cafe) adj wallet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/10 10:52 |
| S13 | 55 | wo and "46959" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/10 11:06 |
| S14 | 38 | ("4179686" "4969183" "5249044" "5353335" "5511114" "5640447" "5668950" "5673309" "5712914" "5724424" "5761648" "5825863" "5845259" "5878141" "6189787" "6327578" "6422462" "6467684" "6999936").FN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 19:26 |
| S15 | 4 | wo and "9909502" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 20:27 |
| S16 | 4 | "9909502" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 20:34 |
| S17 | 61 | (uptf "Universal Pervasive Transaction Device" UPTD) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 21:03 |
| S18 | 1 | S17 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 21:19 |

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| S19 | 0 | "METHOD AND DEVICE FOR AUTHENTICATING SUBSCRIBER" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 21:22 |
| S20 | 6 | "9205859" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 21:23 |
| S21 | 1 | linder near herman | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 21:27 |
| S22 | 13 | linder near hermann | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 21:28 |
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| S24 | 1 | JP410098774A | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 21:33 |
| S25 | 29 | S17 and sas | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 21:34 |
| S26 | 9 | S17 and "secure agreement submission" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 21:35 |
| S27 | 63 | (uptf UPTD) ("Universal Pervasive Transaction" adj (framework device system)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 22:33 |

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| S29 | 1976 | ((wireless mobile electronic online on-line cafe) near wallet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 23:12 |
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| S31 | 0 | *199886484* | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 23:36 |
| S32 | 38 | *6250557* | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 00:55 |
| S33 | 23 | S32 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 00:56 |
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|-----|----|---|---|----|----|---------------------|
| S35 | 14 | S34 and (secure near transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 01:01 |
| S36 | 11 | S34 and (secure adj transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 01:02 |
| S37 | 1 | S34 and (secure adj transaction adj server) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 01:02 |
| S38 | 0 | S34 and (secure adj transaction adj database) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 01:02 |
| S39 | 12 | S35 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 01:03 |
| S40 | 0 | S39 and (pos near transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 01:05 |
| S41 | 0 | S39 and (pos near transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 01:06 |
| S42 | 1 | S39 and (pos with transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 01:06 |
| S44 | 10 | (secure adj agreement adj submission) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 18:41 |

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| S45 | 0 | S44 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 18:43 |
| S46 | 190 | (US-20060266823-\$ or US-20060229988-\$ or US-20050194452-\$ or US-20050122209-\$ or US-20040104268-\$ or US-20030174049-\$ or US-20030061486-\$ or US-20020196944-\$ or US-20020176579-\$ or US-20020163421-\$ or US-20020107791-\$ or US-20020107007-\$ or US-20020097867-\$ or US-20020095296-\$ or US-20020087869-\$ or US-20020087534-\$ or US-20020082925-\$ or US-20020077993-\$ or US-20020077974-\$ or US-20020073024-\$ or US-20020018585-\$ or US-20020017561-\$ or US-20010053239-\$ or US-20010045458-\$ or US-20010037264-\$ or US-20010010723-\$).did. or (US-20010005840-\$ or US-20010004231-\$ or US-20070022058-\$).did. or (US-7239346-\$ or US-7167844-\$ or US-7003499-\$ or US-6957334-\$ or US-6931431-\$ or US-6926200-\$ or US-6915951-\$ or US-6817521-\$ or US-6775777-\$ or US-6766453-\$ or US-6715679-\$ or US-6687375-\$ or US-6529885-\$ or US-6512919-\$ or US-6470448-\$ or US-6435406-\$ or US-6405314-\$ or US-6378775-\$ or US-6378073-\$ or US-6377692-\$ or US-6366893-\$ or US-6356752-\$ or US-6334575-\$ or US-6270011-\$ or US-6263436-\$ or US-6257487-\$).did. or (US-6226752-\$ or US-6212290-\$ or US-6199099-\$ or US-6182892-\$ or US-6175923-\$ or US-6175922-\$ or US-6137884-\$ or US-6115601-\$ or US-6098053-\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/06/15 18:58 |

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or WO-9717678-A-\$ or AU-
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or US-5553145-\$ or WO-
9608786-A-\$ or WO-
9605576-A-\$ or US-5485312-
\$ or WO-9428498-A-\$ or GB-
2276737-\$ or WO-9410659-
A-\$ or WO-9309515-A-\$ or
US-5194289-\$ or US-

| | | | | | | |
|-----|-----|---|---|----|----|---------------------|
| | | 5095194-\$ or WO-9106920-\$ or EP-416916-\$ or EP-379333-\$ or US-4882195-\$ or US-4636622-\$ or WO-8203286-\$ or CA-1087735-\$ or US-4182261-\$ or NL-6915951-\$).did. or (NL-6512919-\$ or FR-1438250-\$ or WO-0046959-A-\$ or WO-0011624-A-\$ or WO-0209005-A-\$ or US-6422462-B-\$ or US-20010042784-A-\$ or US-20010018660-A-\$ or EP-1017030-A-\$ or US-5878141-\$ or WO-9903057-A-\$ or US-5825863-\$ or US-5712914-\$ or WO-9750064-A-\$ or US-5640447-\$ or WO-9719549-A-\$ or WO-9705555-A-\$ or WO-9534161-A-\$ or GB-2288108-\$ or WO-9516971-A-\$ or US-5353335-\$ or US-5249044-\$ or US-4969183-\$ or BE-860393-\$).did. | | | | |
| S47 | 166 | S46 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 18:58 |
| S48 | 2 | S47 and (mobile with pos) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 19:14 |
| S49 | 10 | S47 and ((wireless mobile electronic online on-line cafe) adj wallet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 19:36 |
| S50 | 1 | S49 and pos | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 19:38 |
| S51 | 3 | S47 and ((wireless mobile cellular pda) adj (payment transaction)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 19:56 |

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|-----|-------|--|---|----|----|---------------------|
| S52 | 10 | S47 and ((wireless mobile cellular pda) near (payment transaction)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 19:56 |
| S53 | 29 | S47 and ((wireless mobile cellular pda) with (payment transaction)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 19:57 |
| S54 | 29 | S47 and ((wireless mobile cellular pda) with (payment transaction pos "point of sale")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 19:59 |
| S55 | 27470 | ((wireless mobile cellular pda) with (payment transaction pos "point of sale")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 19:59 |
| S56 | 9599 | S55 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 19:59 |
| S57 | 160 | S56 and (time near (dependant sensitive)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:07 |
| S58 | 290 | S56 and (time near (dependant dependent sensitive)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:26 |
| S59 | 148 | S58 and ((device serial mobile pda phone (cell adj phone)) near (id identifier identification number)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:29 |
| S60 | 151 | S58 and ((device serial mobile pda phone (cell adj phone)) near (id identifier identification number key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:30 |

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|-----|-----|--|---|----|----|---------------------|
| S61 | 41 | S60 and (secret non-transmit \$3 ("not" adj transmit\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:34 |
| S62 | 39 | S60 and ((secret non-transmit \$3 ("not" adj transmit\$3)) with (pin id identifier identification number key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:37 |
| S63 | 0 | S62 and ((time near (dependant sensitive)) with (random adj number)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:44 |
| S64 | 0 | S62 and ((time near (dependant dependent sensitive)) with (random adj number)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:44 |
| S65 | 0 | S62 and ((time near (dependant dependent sensitive stamp\$2)) with (random adj number)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:45 |
| S66 | 0 | S62 and ((time near (dependant dependent sensitive stamp\$2)) near (transaction payment agreement)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:46 |
| S67 | 38 | S66 and ((time near (dependant dependent sensitive stamp\$2)) near (transaction payment agreement)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:47 |
| S68 | 136 | S66 and ((time near (dependant dependent sensitive stamp\$2)) with (transaction payment agreement)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:48 |
| S69 | 72 | S68 and ((device serial mobile pda phone (cell adj phone)) near (id identifier identification number)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:49 |

| | | | | | | |
|-----|-----|---|---|----|----|---------------------|
| S70 | 12 | S69 and ((secret non-transmit \$3 ("not" adj transmit\$3)) with (pin id identifier identification number key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 20:49 |
| S71 | 240 | (US-20060266823-\$ or US-20060229988-\$ or US-20050194452-\$ or US-20050122209-\$ or US-20040104268-\$ or US-20030174049-\$ or US-20030061486-\$ or US-20020196944-\$ or US-20020176579-\$ or US-20020163421-\$ or US-20020107791-\$ or US-20020107007-\$ or US-20020097867-\$ or US-20020095296-\$ or US-20020087869-\$ or US-20020087534-\$ or US-20020082925-\$ or US-20020077993-\$ or US-20020077974-\$ or US-20020073024-\$ or US-20020018585-\$ or US-20020017561-\$ or US-20010053239-\$ or US-20010045458-\$ or US-20010037264-\$ or US-20010010723-\$).did. or (US-20010005840-\$ or US-20010004231-\$ or US-20070022058-\$ or US-20050004875-\$ or US-20040054630-\$ or US-20030191719-\$ or US-20030163431-\$ or US-20030105721-\$ or US-20030088784-\$ or US-20030088781-\$ or US-20030007639-\$ or US-20030004876-\$ or US-20020181710-\$ or US-20020112171-\$ or US-20020048369-\$ or US-20010000505-\$ or US-20020123967-\$ or US-20020004831-\$ or US-20010018660-\$).did. or (US-7239346-\$ or US-7167844-\$ or US-7003499-\$ or US-6957334-\$ or US-6931431-\$ or US-6926200-\$ or US-6915951-\$ or US-6817521-\$ or US-6775777-\$ or US-6766453-\$ or US-6715679-\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/06/15 22:20 |

or US-6687375-\$ or US-
6529885-\$ or US-6512919-\$
or US-6470448-\$ or US-
6435406-\$ or US-6405314-\$
or US-6378775-\$ or US-
6378073-\$ or US-6377692-\$
or US-6366893-\$ or US-
6356752-\$ or US-6334575-\$
or US-6270011-\$ or US-
6263436-\$ or US-6257487-\$).
did. or (US-6226752-\$ or US-
6212290-\$ or US-6199099-\$
or US-6182892-\$ or US-
6175923-\$ or US-6175922-\$
or US-6137884-\$ or US-
6115601-\$ or US-6098053-\$
or US-6069969-\$ or US-
6067621-\$ or US-6044388-\$
or US-6010068-\$ or US-
6006328-\$ or US-6003767-\$
or US-6003762-\$ or US-
5949043-\$ or US-5917168-\$
or US-5869822-\$ or US-
5790677-\$ or US-5732148-\$
or US-5666420-\$ or US-
5644118-\$ or US-5631961-\$
or US-5598474-\$ or US-
5485312-\$ or US-5465328-\$).
did. or (US-5363453-\$ or US-
5256863-\$ or US-5239166-\$
or US-5194289-\$ or US-
5095194-\$ or US-4882195-\$
or US-4636622-\$ or US-
4582985-\$ or US-4253086-\$
or US-4182261-\$ or US-
6250557-\$ or US-7360689-\$
or US-7303120-\$ or US-
6747547-\$ or US-7306158-\$
or US-7182254-\$ or US-
7025256-\$ or US-7233926-\$
or US-6832721-\$ or US-
7337956-\$ or US-7017804-\$
or US-6824064-\$ or US-
6959873-\$ or US-7274295-\$
or US-7206769-\$ or US-
7315942-\$ or US-7136490-\$).
did. or (US-6910624-\$ or US-
7159770-\$ or US-6885877-\$
or US-7299983-\$ or US-
6776339-\$ or US-6658500-\$
or US-6934689-\$ or US-
6880761-\$ or US-7039440-\$
or US-6487540-\$ or US-
6502747-\$ or US-6834802-\$
or US-6681995-\$ or US-
6659345-\$ or US-7379904-\$
or US-7194545-\$ or US-
6804720-\$ or US-7024396-\$
or US-6968995-\$ or US-

7260596-\$ or US-6999936-\$
or US-6467684-\$ or US-
6422462-\$ or US-6327578-\$
or US-6189787-\$ or US-
5878141-\$ or US-5845259-\$).
did. or (US-5825863-\$ or US-
5761648-\$ or US-5724424-\$
or US-5712914-\$ or US-
5673309-\$ or US-5668950-\$
or US-5640447-\$ or US-
5511114-\$ or US-5353335-\$
or US-5249044-\$ or US-
4969183-\$ or US-4179686-\$
or US-6363151-\$ or US-
7289964-\$ or US-7133845-\$
or US-7133522-\$ or US-
7124302-\$ or US-7120800-\$
or US-7095854-\$ or US-
7076652-\$ or US-7069451-\$
or US-7051212-\$ or US-
6948070-\$ or US-6836651-\$
or US-6640304-\$ or US-
6614781-\$ or US-6601192-\$).
did. or (US-6427140-\$ or US-
6389402-\$ or US-6363488-\$
or US-6253193-\$ or US-
6237786-\$ or US-6154541-\$
or US-5982891-\$ or US-
5949876-\$ or US-5917912-\$
or US-5915019-\$ or US-
5910987-\$ or US-5892900-\$
or US-7379916-\$ or US-
7165174-\$ or US-7133846-\$
or US-7107246-\$ or US-
7100822-\$ or US-6934858-\$
or US-6658568-\$ or US-
5629981-\$).did. or (US-
1601113-\$).did. or (WO-
9909502-\$ or EP-1011273-\$).
did. or (JP-10098774-\$).did.
or (US-7167844-B-\$ or US-
20060266823-A-\$ or US-
20050194452-A-\$ or US-
20050122209-A-\$ or US-
6817521-B-\$ or WO-
2004066177-A-\$ or US-
6766453-B-\$ or US-
20040104268-A-\$ or US-
6687375-B-\$ or US-
20030174049-A-\$ or US-
20020176579-A-\$ or US-
20020163421-A-\$ or US-
20020129087-A-\$ or WO-
02067090-A-\$ or US-
20020107007-A-\$ or US-
20020095296-A-\$ or US-
20020082925-A-\$ or US-
20020077993-A-\$ or US-
20020077974-A-\$ or WO-

0247319-A-\$ or WO-
0246985-A-\$ or WO-
0229739-A-\$ or WO-
0229708-A-\$ or US-6356752-
B-\$ or US-20020017561-A-\$
or WO-0208850-A-\$).did. or
(US-6334575-B-\$ or US-
20010045458-A-\$ or WO-
0188788-A-\$ or WO-
0182182-A-\$ or EP-1150262-
A-\$ or FR-2804810-A-\$ or
US-6270011-B-\$ or WO-
0130068-A-\$ or KR-
2001025234-\$ or WO-
0122329-A-\$ or EP-1083527-
A-\$ or US-6175922-B-\$ or
WO-0079367-A-\$ or JP-
2000341657-\$ or WO-
0069110-A-\$ or US-6137884-
\$ or WO-0054169-A-\$ or WO-
0035135-A-\$ or US-6044388-
\$ or WO-0002407-A-\$ or EP-
945821-A-\$ or GB-2333878-
\$ or WO-9933035-A-\$ or US-
5869822-\$ or US-5790677-\$
or WO-9832113-A-\$ or JP-
10187836-\$).did. or (WO-
9827688-A-\$ or CA-2221016-
\$ or WO-9818251-A-\$ or GB-
2317983-\$ or US-5631961-\$
or WO-9717678-A-\$ or AU-
9659457-\$ or EP-731426-A-\$
or US-5553145-\$ or WO-
9608786-A-\$ or WO-
9605576-A-\$ or US-5485312-
\$ or WO-9428498-A-\$ or GB-
2276737-\$ or WO-9410659-
A-\$ or WO-9309515-A-\$ or
US-5194289-\$ or US-
5095194-\$ or WO-9106920-\$
or EP-416916-\$ or EP-
379333-\$ or US-4882195-\$
or US-4636622-\$ or WO-
8203286-\$ or CA-1087735-\$
or US-4182261-\$ or NL-
6915951-\$).did. or (NL-
6512919-\$ or FR-1438250-\$
or WO-0046959-A-\$ or WO-
0011624-A-\$ or WO-
0209005-A-\$ or US-6422462-
B-\$ or US-20010042784-A-\$
or US-20010018660-A-\$ or
EP-1017030-A-\$ or US-
5878141-\$ or WO-9903057-
A-\$ or US-5825863-\$ or US-
5712914-\$ or WO-9750064-
A-\$ or US-5640447-\$ or WO-
9719549-A-\$ or WO-
9705555-A-\$ or WO-

| | | | | | | |
|-----|-----|---|---|----|----|---------------------|
| | | 9534161-A-\$ or GB-2288108-\$ or WO-9516971-A-\$ or US-5353335-\$ or US-5249044-\$ or US-4969183-\$ or BE-860393-\$).did. | | | | |
| S72 | 90 | S71 and ((wireless mobile cellular pda) with (payment transaction pos "point of sale")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 22:36 |
| S73 | 1 | S72 and ((time near (dependant dependent sensitive stamp\$2)) near (transaction payment agreement)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 22:45 |
| S74 | 56 | S72 and ((secret non-transmit \$3 ("not" adj transmit\$3)) with (pin id identifier identification number key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 22:53 |
| S75 | 54 | S74 and ((device serial mobile pda phone (cell adj phone)) near (id identifier identification number key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 22:54 |
| S76 | 14 | S72 and ((time near (dependant dependent sensitive stamp\$2)) with (transaction payment agreement)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 22:55 |
| S77 | 13 | S76 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 22:55 |
| S78 | 240 | (US-20060266823-\$ or US-20060229988-\$ or US-20050194452-\$ or US-20050122209-\$ or US-20040104268-\$ or US-20030174049-\$ or US-20030061486-\$ or US-20020196944-\$ or US-20020176579-\$ or US-20020163421-\$ or US-20020107791-\$ or US-20020107007-\$ or US-20020097867-\$ or US-20020095296-\$ or US-20020087869-\$ or US- | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/06/16 15:30 |

20020087534-\$ or US-
20020082925-\$ or US-
20020077993-\$ or US-
20020077974-\$ or US-
20020073024-\$ or US-
20020018585-\$ or US-
20020017561-\$ or US-
20010053239-\$ or US-
20010045458-\$ or US-
20010037264-\$ or US-
20010010723-\$).did. or (US-
20010005840-\$ or US-
20010004231-\$ or US-
20070022058-\$ or US-
20050004875-\$ or US-
20040054630-\$ or US-
20030191719-\$ or US-
20030163431-\$ or US-
20030105721-\$ or US-
20030088784-\$ or US-
20030088781-\$ or US-
20030007639-\$ or US-
20030004876-\$ or US-
20020181710-\$ or US-
20020112171-\$ or US-
20020048369-\$ or US-
20010000505-\$ or US-
20020123967-\$ or US-
20020004831-\$ or US-
20010018660-\$).did. or (US-
7239346-\$ or US-7167844-\$
or US-7003499-\$ or US-
6957334-\$ or US-6931431-\$
or US-6926200-\$ or US-
6915951-\$ or US-6817521-\$
or US-6775777-\$ or US-
6766453-\$ or US-6715679-\$
or US-6687375-\$ or US-
6529885-\$ or US-6512919-\$
or US-6470448-\$ or US-
6435406-\$ or US-6405314-\$
or US-6378775-\$ or US-
6378073-\$ or US-6377692-\$
or US-6366893-\$ or US-
6356752-\$ or US-6334575-\$
or US-6270011-\$ or US-
6263436-\$ or US-6257487-\$).
did. or (US-6226752-\$ or US-
6212290-\$ or US-6199099-\$
or US-6182892-\$ or US-
6175923-\$ or US-6175922-\$
or US-6137884-\$ or US-
6115601-\$ or US-6098053-\$
or US-6069969-\$ or US-
6067621-\$ or US-6044388-\$
or US-6010068-\$ or US-
6006328-\$ or US-6003767-\$
or US-6003762-\$ or US-
5949043-\$ or US-5917168-\$

or US-5869822-\$ or US-
5790677-\$ or US-5732148-\$
or US-5666420-\$ or US-
5644118-\$ or US-5631961-\$
or US-5598474-\$ or US-
5485312-\$ or US-5465328-\$).
did. or (US-5363453-\$ or US-
5256863-\$ or US-5239166-\$
or US-5194289-\$ or US-
5095194-\$ or US-4882195-\$
or US-4636622-\$ or US-
4582985-\$ or US-4253086-\$
or US-4182261-\$ or US-
6250557-\$ or US-7360689-\$
or US-7303120-\$ or US-
6747547-\$ or US-7306158-\$
or US-7182254-\$ or US-
7025256-\$ or US-7233926-\$
or US-6832721-\$ or US-
7337956-\$ or US-7017804-\$
or US-6824064-\$ or US-
6959873-\$ or US-7274295-\$
or US-7206769-\$ or US-
7315942-\$ or US-7136490-\$).
did. or (US-6910624-\$ or US-
7159770-\$ or US-6885877-\$
or US-7299983-\$ or US-
6776339-\$ or US-6658500-\$
or US-6934689-\$ or US-
6880761-\$ or US-7039440-\$
or US-6487540-\$ or US-
6502747-\$ or US-6834802-\$
or US-6681995-\$ or US-
6659345-\$ or US-7379904-\$
or US-7194545-\$ or US-
6804720-\$ or US-7024396-\$
or US-6968995-\$ or US-
7260596-\$ or US-6999936-\$
or US-6467684-\$ or US-
6422462-\$ or US-6327578-\$
or US-6189787-\$ or US-
5878141-\$ or US-5845259-\$).
did. or (US-5825863-\$ or US-
5761648-\$ or US-5724424-\$
or US-5712914-\$ or US-
5673309-\$ or US-5668950-\$
or US-5640447-\$ or US-
5511114-\$ or US-5353335-\$
or US-5249044-\$ or US-
4969183-\$ or US-4179686-\$
or US-6363151-\$ or US-
7289964-\$ or US-7133845-\$
or US-7133522-\$ or US-
7124302-\$ or US-7120800-\$
or US-7095854-\$ or US-
7076652-\$ or US-7069451-\$
or US-7051212-\$ or US-
6948070-\$ or US-6836651-\$
or US-6640304-\$ or US-

6614781-\$ or US-6601192-\$).
did. or (US-6427140-\$ or US-
6389402-\$ or US-6363488-\$
or US-6253193-\$ or US-
6237786-\$ or US-6154541-\$
or US-5982891-\$ or US-
5949876-\$ or US-5917912-\$
or US-5915019-\$ or US-
5910987-\$ or US-5892900-\$
or US-7379916-\$ or US-
7165174-\$ or US-7133846-\$
or US-7107246-\$ or US-
7100822-\$ or US-6934858-\$
or US-6658568-\$ or US-
5629981-\$).did. or (US-
1601113-\$).did. or (WO-
9909502-\$ or EP-1011273-\$).
did. or (JP-10098774-\$).did.
or (US-7167844-B-\$ or US-
20060266823-A-\$ or US-
20050194452-A-\$ or US-
20050122209-A-\$ or US-
6817521-B-\$ or WO-
2004066177-A-\$ or US-
6766453-B-\$ or US-
20040104268-A-\$ or US-
6687375-B-\$ or US-
20030174049-A-\$ or US-
20020176579-A-\$ or US-
20020163421-A-\$ or US-
20020129087-A-\$ or WO-
02067090-A-\$ or US-
20020107007-A-\$ or US-
20020095296-A-\$ or US-
20020082925-A-\$ or US-
20020077993-A-\$ or US-
20020077974-A-\$ or WO-
0247319-A-\$ or WO-
0246985-A-\$ or WO-
0229739-A-\$ or WO-
0229708-A-\$ or US-6356752-
B-\$ or US-20020017561-A-\$
or WO-0208850-A-\$).did. or
(US-6334575-B-\$ or US-
20010045458-A-\$ or WO-
0188788-A-\$ or WO-
0182182-A-\$ or EP-1150262-
A-\$ or FR-2804810-A-\$ or
US-6270011-B-\$ or WO-
0130068-A-\$ or KR-
2001025234-\$ or WO-
0122329-A-\$ or EP-1083527-
A-\$ or US-6175922-B-\$ or
WO-0079367-A-\$ or JP-
2000341657-\$ or WO-
0069110-A-\$ or US-6137884-
\$ or WO-0054169-A-\$ or WO-
0035135-A-\$ or US-6044388-
\$ or WO-0002407-A-\$ or EP-

| | | | | | | |
|-----|----|---|---|----|----|---------------------|
| | | 945821-A-\$ or GB-2333878-\$ or WO-9933035-A-\$ or US-5869822-\$ or US-5790677-\$ or WO-9832113-A-\$ or JP-10187836-\$).did. or (WO-9827688-A-\$ or CA-2221016-\$ or WO-9818251-A-\$ or GB-2317983-\$ or US-5631961-\$ or WO-9717678-A-\$ or AU-9659457-\$ or EP-731426-A-\$ or US-5553145-\$ or WO-9608786-A-\$ or WO-9605576-A-\$ or US-5485312-\$ or WO-9428498-A-\$ or GB-2276737-\$ or WO-9410659-A-\$ or WO-9309515-A-\$ or US-5194289-\$ or US-5095194-\$ or WO-9106920-\$ or EP-416916-\$ or EP-379333-\$ or US-4882195-\$ or US-4636622-\$ or WO-8203286-\$ or CA-1087735-\$ or US-4182261-\$ or NL-6915951-\$).did. or (NL-6512919-\$ or FR-1438250-\$ or WO-0046959-A-\$ or WO-0011624-A-\$ or WO-0209005-A-\$ or US-6422462-B-\$ or US-20010042784-A-\$ or US-20010018660-A-\$ or EP-1017030-A-\$ or US-5878141-\$ or WO-9903057-A-\$ or US-5825863-\$ or US-5712914-\$ or WO-9750064-A-\$ or US-5640447-\$ or WO-9719549-A-\$ or WO-9705555-A-\$ or WO-9534161-A-\$ or GB-2288108-\$ or WO-9516971-A-\$ or US-5353335-\$ or US-5249044-\$ or US-4969183-\$ or BE-860393-\$).did. | | | | |
| S79 | 90 | S78 and ((wireless mobile cellular pda) with (payment transaction pos "point of sale")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/16 15:30 |
| S80 | 14 | S79 and ((time near (dependant dependent sensitive stamp\$2)) with (transaction payment agreement)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/16 15:30 |

| | | | | | | |
|-----|-----|--|---|----|----|---------------------|
| S81 | 13 | S80 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/16 15:30 |
| S82 | 2 | S81 and ((trust\$2 authenticat \$3) near server) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/16 15:30 |
| S84 | 6 | S81 and wallet | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/16 15:37 |
| S85 | 0 | S81 and (wireless near wallet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/16 15:39 |
| S86 | 0 | S81 and ((wireless near wallet) (mobile near pos)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/16 15:39 |
| S87 | 12 | S81 and ((secret non-transmit \$3 ("not" adj transmit\$3)) with (pin id identifier identification number key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/16 16:30 |
| S88 | 239 | (US-20060266823-\$ or US- 20060229988-\$ or US- 20050194452-\$ or US- 20050122209-\$ or US- 20040104268-\$ or US- 20030174049-\$ or US- 20030061486-\$ or US- 20020196944-\$ or US- 20020176579-\$ or US- 20020163421-\$ or US- 20020107791-\$ or US- 20020107007-\$ or US- 20020097867-\$ or US- 20020095296-\$ or US- 20020087869-\$ or US- 20020087534-\$ or US- 20020082925-\$ or US- 20020077993-\$ or US- 20020077974-\$ or US- 20020073024-\$ or US- | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/17 12:42 |

20020018585-\$ or US-
20020017561-\$ or US-
20010053239-\$ or US-
20010045458-\$ or US-
20010037264-\$ or US-
20010010723-\$).did. or (US-
20010005840-\$ or US-
20010004231-\$ or US-
20070022058-\$ or US-
20050004875-\$ or US-
20040054630-\$ or US-
20030191719-\$ or US-
20030163431-\$ or US-
20030105721-\$ or US-
20030088784-\$ or US-
20030088781-\$ or US-
20030007639-\$ or US-
20030004876-\$ or US-
20020181710-\$ or US-
20020112171-\$ or US-
20020048369-\$ or US-
20010000505-\$ or US-
20020123967-\$ or US-
20020004831-\$ or US-
20010018660-\$).did. or (US-
7239346-\$ or US-7167844-\$
or US-7003499-\$ or US-
6957334-\$ or US-6931431-\$
or US-6926200-\$ or US-
6915951-\$ or US-6817521-\$
or US-6775777-\$ or US-
6766453-\$ or US-6715679-\$
or US-6687375-\$ or US-
6529885-\$ or US-6512919-\$
or US-6470448-\$ or US-
6435406-\$ or US-6405314-\$
or US-6378775-\$ or US-
6378073-\$ or US-6377692-\$
or US-6366893-\$ or US-
6356752-\$ or US-6334575-\$
or US-6270011-\$ or US-
6263436-\$ or US-6257487-\$).
did. or (US-6226752-\$ or US-
6212290-\$ or US-6199099-\$
or US-6182892-\$ or US-
6175923-\$ or US-6175922-\$
or US-6137884-\$ or US-
6115601-\$ or US-6098053-\$
or US-6069969-\$ or US-
6067621-\$ or US-6044388-\$
or US-6010068-\$ or US-
6006328-\$ or US-6003767-\$
or US-6003762-\$ or US-
5949043-\$ or US-5917168-\$
or US-5869822-\$ or US-
5790677-\$ or US-5732148-\$
or US-5666420-\$ or US-
5644118-\$ or US-5631961-\$
or US-5598474-\$ or US-

5485312-\$ or US-5465328-\$).
did. or (US-5363453-\$ or US-
5256863-\$ or US-5239166-\$
or US-5194289-\$ or US-
5095194-\$ or US-4882195-\$
or US-4636622-\$ or US-
4582985-\$ or US-4253086-\$
or US-4182261-\$ or US-
6250557-\$ or US-7360689-\$
or US-7303120-\$ or US-
6747547-\$ or US-7306158-\$
or US-7182254-\$ or US-
7025256-\$ or US-7233926-\$
or US-6832721-\$ or US-
7337956-\$ or US-7017804-\$
or US-6824064-\$ or US-
6959873-\$ or US-7274295-\$
or US-7206769-\$ or US-
7315942-\$ or US-7136490-\$).
did. or (US-6910624-\$ or US-
7159770-\$ or US-6885877-\$
or US-7299983-\$ or US-
6776339-\$ or US-6658500-\$
or US-6934689-\$ or US-
6880761-\$ or US-7039440-\$
or US-6487540-\$ or US-
6502747-\$ or US-6834802-\$
or US-6681995-\$ or US-
6659345-\$ or US-7379904-\$
or US-7194545-\$ or US-
6804720-\$ or US-7024396-\$
or US-6968995-\$ or US-
7260596-\$ or US-6999936-\$
or US-6467684-\$ or US-
6422462-\$ or US-6327578-\$
or US-6189787-\$ or US-
5878141-\$ or US-5845259-\$).
did. or (US-5825863-\$ or US-
5761648-\$ or US-5724424-\$
or US-5712914-\$ or US-
5673309-\$ or US-5668950-\$
or US-5640447-\$ or US-
5511114-\$ or US-5353335-\$
or US-5249044-\$ or US-
4969183-\$ or US-4179686-\$
or US-6363151-\$ or US-
7289964-\$ or US-7133845-\$
or US-7133522-\$ or US-
7124302-\$ or US-7120800-\$
or US-7095854-\$ or US-
7076652-\$ or US-7069451-\$
or US-7051212-\$ or US-
6948070-\$ or US-6836651-\$
or US-6640304-\$ or US-
6614781-\$ or US-6601192-\$).
did. or (US-6427140-\$ or US-
6389402-\$ or US-6363488-\$
or US-6253193-\$ or US-
6237786-\$ or US-6154541-\$

or US-5982891-\$ or US-
5949876-\$ or US-5917912-\$
or US-5915019-\$ or US-
5910987-\$ or US-5892900-\$
or US-7379916-\$ or US-
7165174-\$ or US-7133846-\$
or US-7107246-\$ or US-
7100822-\$ or US-6934858-\$
or US-6658568-\$ or US-
5629981-\$).did. or (WO-
9909502-\$ or EP-1011273-\$).
did. or (JP-10098774-\$).did.
or (US-7167844-B-\$ or US-
20060266823-A-\$ or US-
20050194452-A-\$ or US-
20050122209-A-\$ or US-
6817521-B-\$ or WO-
2004066177-A-\$ or US-
6766453-B-\$ or US-
20040104268-A-\$ or US-
6687375-B-\$ or US-
20030174049-A-\$ or US-
20020176579-A-\$ or US-
20020163421-A-\$ or US-
20020129087-A-\$ or WO-
02067090-A-\$ or US-
20020107007-A-\$ or US-
20020095296-A-\$ or US-
20020082925-A-\$ or US-
20020077993-A-\$ or US-
20020077974-A-\$ or WO-
0247319-A-\$ or WO-
0246985-A-\$ or WO-
0229739-A-\$ or WO-
0229708-A-\$ or US-6356752-
B-\$ or US-20020017561-A-\$
or WO-0208850-A-\$).did. or
(US-6334575-B-\$ or US-
20010045458-A-\$ or WO-
0188788-A-\$ or WO-
0182182-A-\$ or EP-1150262-
A-\$ or FR-2804810-A-\$ or
US-6270011-B-\$ or WO-
0130068-A-\$ or KP-
2001025234-\$ or WO-
0122329-A-\$ or EP-1083527-
A-\$ or US-6175922-B-\$ or
WO-0079367-A-\$ or JP-
2000341657-\$ or WO-
0069110-A-\$ or US-6137884-
\$ or WO-0054169-A-\$ or WO-
0035135-A-\$ or US-6044388-
\$ or WO-0002407-A-\$ or EP-
945821-A-\$ or GB-2333878-
\$ or WO-9933035-A-\$ or US-
5869822-\$ or US-5790677-\$
or WO-9832113-A-\$ or JP-
10187836-\$).did. or (WO-
9827688-A-\$ or CA-2221016-

| | | | | | | |
|-----|----|--|--|----|----|---------------------|
| | | \$ or WO-9818251-A-\$ or GB-2317983-\$ or US-5631961-\$ or WO-9717678-A-\$ or AU-9659457-\$ or EP-731426-A-\$ or US-5553145-\$ or WO-9608786-A-\$ or WO-9605576-A-\$ or US-5485312-\$ or WO-9428498-A-\$ or GB-2276737-\$ or WO-9410659-A-\$ or WO-9309515-A-\$ or US-5194289-\$ or US-5095194-\$ or WO-9106920-\$ or EP-416916-\$ or EP-379333-\$ or US-4882195-\$ or US-4636622-\$ or WO-8203286-\$ or CA-1087735-\$ or US-4182261-\$ or NL-6915951-\$).did. or (NL-6512919-\$ or FR-1438250-\$ or WO-0046959-A-\$ or WO-0011624-A-\$ or WO-0209005-A-\$ or US-6422462-B-\$ or US-20010042784-A-\$ or US-20010018660-A-\$ or EP-1017030-A-\$ or US-5878141-\$ or WO-9903057-A-\$ or US-5825863-\$ or US-5712914-\$ or WO-9750064-A-\$ or US-5640447-\$ or WO-9719549-A-\$ or WO-9705555-A-\$ or WO-9534161-A-\$ or GB-2288108-\$ or WO-9516971-A-\$ or US-5353335-\$ or US-5249044-\$ or US-4969183-\$ or BE-860393-\$).did. | | | | |
| S89 | 43 | S88 and biometric | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/17 12:44 |
| S90 | 12 | S89 and speech | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/17 12:45 |
| S91 | 3 | S89 and (speech near recognition) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/17 12:47 |
| S93 | 3 | S91 and (fingerprint (face near recognition)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/17 12:48 |

| | | | | | | |
|-----|-----|--|--|----|----|---------------------|
| S94 | 240 | (US-20060266823-\$ or US-20060229988-\$ or US-20050194452-\$ or US-20050122209-\$ or US-20040104268-\$ or US-20030174049-\$ or US-20030061486-\$ or US-20020196944-\$ or US-20020176579-\$ or US-20020163421-\$ or US-20020107791-\$ or US-20020107007-\$ or US-20020097867-\$ or US-20020095296-\$ or US-20020087869-\$ or US-20020087534-\$ or US-20020082925-\$ or US-20020077993-\$ or US-20020077974-\$ or US-20020073024-\$ or US-20020018585-\$ or US-20020017561-\$ or US-20010053239-\$ or US-20010045458-\$ or US-20010037264-\$ or US-20010010723-\$).did. or (US-20010005840-\$ or US-20010004231-\$ or US-20070022058-\$ or US-20050004875-\$ or US-20040054630-\$ or US-20030191719-\$ or US-20030163431-\$ or US-20030105721-\$ or US-20030088784-\$ or US-20030088781-\$ or US-20030007639-\$ or US-20030004876-\$ or US-20020181710-\$ or US-20020112171-\$ or US-20020048369-\$ or US-20010000505-\$ or US-20020123967-\$ or US-20020004831-\$ or US-20010018660-\$).did. or (US-7239346-\$ or US-7167844-\$ or US-7003499-\$ or US-6957334-\$ or US-6931431-\$ or US-6926200-\$ or US-6915951-\$ or US-6817521-\$ or US-6775777-\$ or US-6766453-\$ or US-6715679-\$ or US-6687375-\$ or US-6529885-\$ or US-6512919-\$ or US-6470448-\$ or US-6435406-\$ or US-6405314-\$ or US-6378775-\$ or US-6378073-\$ or US-6377692-\$ or US-6366893-\$ or US- | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/06/17 17:17 |
|-----|-----|--|--|----|----|---------------------|

6356752-\$ or US-6334575-\$
or US-6270011-\$ or US-
6263436-\$ or US-6257487-\$).
dtd. or (US-6226752-\$ or US-
6212290-\$ or US-6199099-\$
or US-6182892-\$ or US-
6175923-\$ or US-6175922-\$
or US-6137884-\$ or US-
6115601-\$ or US-6098053-\$
or US-6069969-\$ or US-
6067621-\$ or US-6044388-\$
or US-6010068-\$ or US-
6006328-\$ or US-6003767-\$
or US-6003762-\$ or US-
5949043-\$ or US-5917168-\$
or US-5869822-\$ or US-
5790677-\$ or US-5732148-\$
or US-5666420-\$ or US-
5644118-\$ or US-5631961-\$
or US-5598474-\$ or US-
5485312-\$ or US-5465328-\$).
dtd. or (US-5363453-\$ or US-
5256863-\$ or US-5239166-\$
or US-5194289-\$ or US-
5095194-\$ or US-4882195-\$
or US-4636622-\$ or US-
4582985-\$ or US-4253086-\$
or US-4182261-\$ or US-
6250557-\$ or US-7360689-\$
or US-7303120-\$ or US-
6747547-\$ or US-7306158-\$
or US-7182254-\$ or US-
7025256-\$ or US-7233926-\$
or US-6832721-\$ or US-
7337956-\$ or US-7017804-\$
or US-6824064-\$ or US-
6959873-\$ or US-7274295-\$
or US-7206769-\$ or US-
7315942-\$ or US-7136490-\$).
dtd. or (US-6910624-\$ or US-
7159770-\$ or US-6885877-\$
or US-7299983-\$ or US-
6776339-\$ or US-6658500-\$
or US-6934689-\$ or US-
6880761-\$ or US-7039440-\$
or US-6487540-\$ or US-
6502747-\$ or US-6834802-\$
or US-6681995-\$ or US-
6659345-\$ or US-7379904-\$
or US-7194545-\$ or US-
6804720-\$ or US-7024396-\$
or US-6968995-\$ or US-
7260596-\$ or US-6999936-\$
or US-6467684-\$ or US-
6422462-\$ or US-6327578-\$
or US-6189787-\$ or US-
5878141-\$ or US-5845259-\$).
dtd. or (US-5825863-\$ or US-
5761648-\$ or US-5724424-\$

or US-5712914-\$ or US-
5673309-\$ or US-5668950-\$
or US-5640447-\$ or US-
5511114-\$ or US-5353335-\$
or US-5249044-\$ or US-
4969183-\$ or US-4179686-\$
or US-6363151-\$ or US-
7289964-\$ or US-7133845-\$
or US-7133522-\$ or US-
7124302-\$ or US-7120800-\$
or US-7095854-\$ or US-
7076652-\$ or US-7069451-\$
or US-7051212-\$ or US-
6948070-\$ or US-6836651-\$
or US-6640304-\$ or US-
6614781-\$ or US-6601192-\$).
did. or (US-6427140-\$ or US-
6389402-\$ or US-6363488-\$
or US-6253193-\$ or US-
6237786-\$ or US-6154541-\$
or US-5982891-\$ or US-
5949876-\$ or US-5917912-\$
or US-5915019-\$ or US-
5910987-\$ or US-5892900-\$
or US-7379916-\$ or US-
7165174-\$ or US-7133846-\$
or US-7107246-\$ or US-
7100822-\$ or US-6934858-\$
or US-6658568-\$ or US-
5629981-\$).did. or (US-
1601113-\$).did. or (WO-
9909502-\$ or EP-1011273-\$).
did. or (JP-10098774-\$).did.
or (US-7167844-B-\$ or US-
20060266823-A-\$ or US-
20050194452-A-\$ or US-
20050122209-A-\$ or US-
6817521-B-\$ or WO-
2004066177-A-\$ or US-
6766453-B-\$ or US-
20040104268-A-\$ or US-
6687375-B-\$ or US-
20030174049-A-\$ or US-
20020176579-A-\$ or US-
20020163421-A-\$ or US-
20020129087-A-\$ or WO-
02067090-A-\$ or US-
20020107007-A-\$ or US-
20020095296-A-\$ or US-
20020082925-A-\$ or US-
20020077993-A-\$ or US-
20020077974-A-\$ or WO-
0247319-A-\$ or WO-
0246985-A-\$ or WO-
0229739-A-\$ or WO-
0229708-A-\$ or US-6356752-
B-\$ or US-20020017561-A-\$
or WO-0208850-A-\$).did. or
(US-6334575-B-\$ or US-

20010045458-A-\$ or WO-0188788-A-\$ or WO-0182182-A-\$ or EP-1150262-A-\$ or FR-2804810-A-\$ or US-6270011-B-\$ or WO-0130068-A-\$ or KR-2001025234-\$ or WO-0122329-A-\$ or EP-1083527-A-\$ or US-6175922-B-\$ or WO-0079367-A-\$ or JP-2000341657-\$ or WO-0069110-A-\$ or US-6137884-\$ or WO-0054169-A-\$ or WO-0035135-A-\$ or US-6044388-\$ or WO-0002407-A-\$ or EP-945821-A-\$ or GB-2333878-\$ or WO-9933035-A-\$ or US-5869822-\$ or US-5790677-\$ or WO-9832113-A-\$ or JP-10187836-\$).did. or (WO-9827688-A-\$ or CA-2221016-\$ or WO-9818251-A-\$ or GB-2317983-\$ or US-5631961-\$ or WO-9717678-A-\$ or AU-9659457-\$ or EP-731426-A-\$ or US-5553145-\$ or WO-9608786-A-\$ or WO-9605576-A-\$ or US-5485312-\$ or WO-9428498-A-\$ or GB-2276737-\$ or WO-9410659-A-\$ or WO-9309515-A-\$ or US-5194289-\$ or US-5095194-\$ or WO-9106920-\$ or EP-416916-\$ or EP-379333-\$ or US-4882195-\$ or US-4636622-\$ or WO-8203286-\$ or CA-1087735-\$ or US-4182261-\$ or NL-6915951-\$).did. or (NL-6512919-\$ or FR-1438250-\$ or WO-0046959-A-\$ or WO-0011624-A-\$ or WO-0209005-A-\$ or US-6422462-B-\$ or US-20010042784-A-\$ or US-20010018660-A-\$ or EP-1017030-A-\$ or US-5878141-\$ or WO-9903057-A-\$ or US-5825863-\$ or US-5712914-\$ or WO-9750064-A-\$ or US-5640447-\$ or WO-9719549-A-\$ or WO-9705555-A-\$ or WO-9534161-A-\$ or GB-2288108-\$ or WO-9516971-A-\$ or US-5353335-\$ or US-5249044-\$ or US-4969183-\$ or BE-860393-\$).did.

| | | | | | | |
|------|-----|--|---|----|----|---------------------|
| S95 | 90 | S94 and ((wireless mobile cellular pda) with (payment transaction pos "point of sale")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/17 17:17 |
| S96 | 14 | S95 and ((time near (dependant dependent sensitive stamp\$2)) with (transaction payment agreement)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/17 17:17 |
| S97 | 13 | S96 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/17 17:17 |
| S98 | 0 | S97 and ((non-transmit\$3 ("not" adj transmit\$3)) with (pin id identifier identification number key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/17 17:17 |
| S99 | 0 | S97 and ((non-transmit\$3 ("not" adj (transmit\$3 sent))) with (pin id identifier identification number key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/17 17:19 |
| S100 | 0 | S97 and ((non-transmit\$3 ("not" adj (transmit\$3 sent disclos\$2))) with (pin id identifier identification number key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/17 17:20 |
| S101 | 240 | (US-20060266823-\$ or US-20060229988-\$ or US-20050194452-\$ or US-20050122209-\$ or US-20040104268-\$ or US-20030174049-\$ or US-20030061486-\$ or US-20020196944-\$ or US-20020176579-\$ or US-20020163421-\$ or US-20020107791-\$ or US-20020107007-\$ or US-20020097867-\$ or US-20020095296-\$ or US-20020087869-\$ or US-20020087534-\$ or US-20020082925-\$ or US-20020077993-\$ or US-20020077974-\$ or US-20020073024-\$ or US- | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/06/18 07:49 |

20020018585-\$ or US-
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20010037264-\$ or US-
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20010005840-\$ or US-
20010004231-\$ or US-
20070022058-\$ or US-
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7239346-\$ or US-7167844-\$
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or US-6926200-\$ or US-
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or US-6470448-\$ or US-
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6212290-\$ or US-6199099-\$
or US-6182892-\$ or US-
6175923-\$ or US-6175922-\$
or US-6137884-\$ or US-
6115601-\$ or US-6098053-\$
or US-6069969-\$ or US-
6067621-\$ or US-6044388-\$
or US-6010068-\$ or US-
6006328-\$ or US-6003767-\$
or US-6003762-\$ or US-
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or US-5869822-\$ or US-
5790677-\$ or US-5732148-\$
or US-5666420-\$ or US-
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or US-5598474-\$ or US-

5485312-\$ or US-5465328-\$).
did. or (US-5363453-\$ or US-
5256863-\$ or US-5239166-\$
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or US-4636622-\$ or US-
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or US-6832721-\$ or US-
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or US-6824064-\$ or US-
6959873-\$ or US-7274295-\$
or US-7206769-\$ or US-
7315942-\$ or US-7136490-\$).
did. or (US-6910624-\$ or US-
7159770-\$ or US-6885877-\$
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or US-6189787-\$ or US-
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5761648-\$ or US-5724424-\$
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or US-7095854-\$ or US-
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or US-7051212-\$ or US-
6948070-\$ or US-6836651-\$
or US-6640304-\$ or US-
6614781-\$ or US-6601192-\$).
did. or (US-6427140-\$ or US-
6389402-\$ or US-6363488-\$
or US-6253193-\$ or US-
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5910987-\$ or US-5892900-\$
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or US-6658568-\$ or US-
5629981-\$).did. or (US-
1601113-\$).did. or (WO-
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did. or (JP-10098774-\$).did.
or (US-7167844-B-\$ or US-
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20050122209-A-\$ or US-
6817521-B-\$ or WO-
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20040104268-A-\$ or US-
6687375-B-\$ or US-
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20020077974-A-\$ or WO-
0247319-A-\$ or WO-
0246985-A-\$ or WO-
0229739-A-\$ or WO-
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B-\$ or US-20020017561-A-\$
or WO-0208850-A-\$).did. or
(US-6334575-B-\$ or US-
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0182182-A-\$ or EP-1150262-
A-\$ or FR-2804810-A-\$ or
US-6270011-B-\$ or WO-
0130068-A-\$ or KR-
2001025234-\$ or WO-
0122329-A-\$ or EP-1083527-
A-\$ or US-6175922-B-\$ or
WO-0079367-A-\$ or JP-
2000341657-\$ or WO-
0069110-A-\$ or US-6137884-
\$ or WO-0054169-A-\$ or WO-
0035135-A-\$ or US-6044388-
\$ or WO-0002407-A-\$ or EP-
945821-A-\$ or GB-2333878-
\$ or WO-9933035-A-\$ or US-
5869822-\$ or US-5790677-\$
or WO-9832113-A-\$ or JP-
10187836-\$).did. or (WO-

| | | | | | | |
|------|----|---|---|----|----|---------------------|
| | | 9827688-A-\$ or CA-2221016-\$ or WO-9818251-A-\$ or GB-2317983-\$ or US-5631961-\$ or WO-9717678-A-\$ or AU-9659457-\$ or EP-731426-A-\$ or US-5553145-\$ or WO-9608786-A-\$ or WO-9605576-A-\$ or US-5485312-\$ or WO-9428498-A-\$ or GB-2276737-\$ or WO-9410659-A-\$ or WO-9309515-A-\$ or US-5194289-\$ or US-5095194-\$ or WO-9106920-\$ or EP-416916-\$ or EP-379333-\$ or US-4882195-\$ or US-4636622-\$ or WO-8203286-\$ or CA-1087735-\$ or US-4182261-\$ or NL-6915951-\$).did. or (NL-6512919-\$ or FR-1438250-\$ or WO-0046959-A-\$ or WO-0011624-A-\$ or WO-0209005-A-\$ or US-6422462-B-\$ or US-20010042784-A-\$ or US-20010018660-A-\$ or EP-1017030-A-\$ or US-5878141-\$ or WO-9903057-A-\$ or US-5825863-\$ or US-5712914-\$ or WO-9750064-A-\$ or US-5640447-\$ or WO-9719549-A-\$ or WO-9705555-A-\$ or WO-9534161-A-\$ or GB-2288108-\$ or WO-9516971-A-\$ or US-5353335-\$ or US-5249044-\$ or US-4969183-\$ or BE-860393-\$).did. | | | | |
| S102 | 90 | S101 and ((wireless mobile cellular pda) with (payment transaction pos "point of sale")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 07:49 |
| S103 | 14 | S102 and ((time near (dependant dependent sensitive stamp\$2)) with (transaction payment agreement)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 07:49 |
| S104 | 13 | S103 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 07:49 |

| | | | | | | |
|------|---|--|---|----|----|---------------------|
| S105 | 0 | S104 and (non-transmit\$3 ("not" without) adj (transmit\$4 shar\$3 disclos\$3 distribut\$3 releas\$3 reveal\$3)) with (pin id identifier identification number key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 07:51 |
| S106 | 0 | S104 and (non-transmit\$4 ("not" without non) adj (transmit\$4 shar\$3 disclos\$3 distribut\$3 releas\$3 reveal\$3)) with (pin id identifier identification number key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 07:53 |
| S107 | 0 | S104 and ((non-transmit\$4 ("not" without non) near (transmit\$4 shar\$3 disclos\$3 distribut\$3 releas\$3 reveal\$3)) with (pin id identifier identification number key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 08:18 |
| S108 | 4 | S104 and ((non-transmit\$4 ("not" without non) near (transmit\$4 shar\$3 disclos\$3 distribut\$3 releas\$3 reveal\$3)) with (pin id identifier identification number key information)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 08:19 |
| S109 | 0 | S104 and (mobile near pos) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 08:21 |
| S110 | 6 | S104 and (wallet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 08:21 |
| S111 | 0 | S104 and (mobile near (pos payment)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 08:22 |

| | | | | | | |
|------|-----|--|--|----|----|---------------------|
| S112 | 239 | (US-20060266823-\$ or US-20060229988-\$ or US-20050194452-\$ or US-20050122209-\$ or US-20040104268-\$ or US-20030174049-\$ or US-20030061486-\$ or US-20020196944-\$ or US-20020176579-\$ or US-20020163421-\$ or US-20020107791-\$ or US-20020107007-\$ or US-20020097867-\$ or US-20020095296-\$ or US-20020087869-\$ or US-20020087534-\$ or US-20020082925-\$ or US-20020077993-\$ or US-20020077974-\$ or US-20020073024-\$ or US-20020018585-\$ or US-20020017561-\$ or US-20010053239-\$ or US-20010045458-\$ or US-20010037264-\$ or US-20010010723-\$).did. or (US-20010005840-\$ or US-20010004231-\$ or US-20070022058-\$ or US-20050004875-\$ or US-20040054630-\$ or US-20030191719-\$ or US-20030163431-\$ or US-20030105721-\$ or US-20030088784-\$ or US-20030088781-\$ or US-20030007639-\$ or US-20030004876-\$ or US-20020181710-\$ or US-20020112171-\$ or US-20020048369-\$ or US-20010000505-\$ or US-20020123967-\$ or US-20020004831-\$ or US-20010018660-\$).did. or (US-7239346-\$ or US-7167844-\$ or US-7003499-\$ or US-6957334-\$ or US-6931431-\$ or US-6926200-\$ or US-6915951-\$ or US-6817521-\$ or US-6775777-\$ or US-6766453-\$ or US-6715679-\$ or US-6687375-\$ or US-6529885-\$ or US-6512919-\$ or US-6470448-\$ or US-6435406-\$ or US-6405314-\$ or US-6378775-\$ or US-6378073-\$ or US-6377692-\$ or US-6366893-\$ or US- | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 08:38 |
|------|-----|--|--|----|----|---------------------|

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6263436-\$ or US-6257487-\$).
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6212290-\$ or US-6199099-\$
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6115601-\$ or US-6098053-\$
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or US-6010068-\$ or US-
6006328-\$ or US-6003767-\$
or US-6003762-\$ or US-
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7025256-\$ or US-7233926-\$
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or US-7194545-\$ or US-
6804720-\$ or US-7024396-\$
or US-6968995-\$ or US-
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or US-5640447-\$ or US-
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or US-5249044-\$ or US-
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or US-7133522-\$ or US-
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or US-7095854-\$ or US-
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or US-5982891-\$ or US-
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7100822-\$ or US-6934858-\$
or US-6658568-\$ or US-
5629981-\$).did. or (WO-
9909502-\$ or EP-1011273-\$).
did. or (JP-10098774-\$).did.
or (US-7167844-B-\$ or US-
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20050122209-A-\$ or US-
6817521-B-\$ or WO-
2004066177-A-\$ or US-
6766453-B-\$ or US-
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6687375-B-\$ or US-
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0229739-A-\$ or WO-
0229708-A-\$ or US-6356752-
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or WO-0208850-A-\$).did. or
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0182182-A-\$ or EP-1150262-
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US-6270011-B-\$ or WO-
0130068-A-\$ or KP-
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\$ or WO-0054169-A-\$ or WO-
0035135-A-\$ or US-6044388-
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or WO-9832113-A-\$ or JP-
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2276737-\$ or WO-9410659-
A-\$ or WO-9309515-A-\$ or
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or EP-416916-\$ or EP-
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or WO-0046959-A-\$ or WO-
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0209005-A-\$ or US-6422462-
B-\$ or US-20010042784-A-\$
or US-20010018660-A-\$ or
EP-1017030-A-\$ or US-
5878141-\$ or WO-9903057-
A-\$ or US-5825863-\$ or US-
5712914-\$ or WO-9750064-
A-\$ or US-5640447-\$ or WO-
9719549-A-\$ or WO-
9705555-A-\$ or WO-
9534161-A-\$ or GB-2288108-
\$ or WO-9516971-A-\$ or US-
5353335-\$ or US-5249044-\$
or US-4969183-\$ or BE-
860393-\$).did.

| | | | | | | |
|------|----|---|--|----|----|---------------------|
| S113 | 43 | S112 and biometric | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 08:38 |
| S114 | 3 | S113 and (speech near recognition) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 08:38 |
| S115 | 40 | S113 and (fingerprint (face near recognition)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 08:50 |
| S116 | 3 | S114 and S115 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 08:51 |
| S117 | 3 | S113 and (speech near recognition) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 09:44 |
| S118 | 15 | S113 and (mic microphone) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 09:47 |
| S119 | 2 | S117 and S118 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 09:47 |
| S120 | 0 | S119 and ((without no) near display) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 09:54 |
| S121 | 0 | S113 and ((without no) near display) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 09:54 |
| S122 | 2 | S119 and display | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 09:55 |
| S124 | 34 | S113 and display | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 09:56 |
| S125 | 0 | S113 and (speech near (synthesized output)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 10:00 |
| S126 | 0 | S113 and hotspot | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 10:59 |
| S127 | 23 | S113 and wireless | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 10:59 |
| S128 | 5 | S127 and ir | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 11:00 |
| S129 | 1 | S128 and (access near point) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 11:00 |

| | | | | | | |
|------|-----|--|--|----|----|---------------------|
| S130 | 239 | (US-20060266823-\$ or US-20060229988-\$ or US-20050194452-\$ or US-20050122209-\$ or US-20040104268-\$ or US-20030174049-\$ or US-20030061486-\$ or US-20020196944-\$ or US-20020176579-\$ or US-20020163421-\$ or US-20020107791-\$ or US-20020107007-\$ or US-20020097867-\$ or US-20020095296-\$ or US-20020087869-\$ or US-20020087534-\$ or US-20020082925-\$ or US-20020077993-\$ or US-20020077974-\$ or US-20020073024-\$ or US-20020018585-\$ or US-20020017561-\$ or US-20010053239-\$ or US-20010045458-\$ or US-20010037264-\$ or US-20010010723-\$).did. or (US-20010005840-\$ or US-20010004231-\$ or US-20070022058-\$ or US-20050004875-\$ or US-20040054630-\$ or US-20030191719-\$ or US-20030163431-\$ or US-20030105721-\$ or US-20030088784-\$ or US-20030088781-\$ or US-20030007639-\$ or US-20030004876-\$ or US-20020181710-\$ or US-20020112171-\$ or US-20020048369-\$ or US-20010000505-\$ or US-20020123967-\$ or US-20020004831-\$ or US-20010018660-\$).did. or (US-7239346-\$ or US-7167844-\$ or US-7003499-\$ or US-6957334-\$ or US-6931431-\$ or US-6926200-\$ or US-6915951-\$ or US-6817521-\$ or US-6775777-\$ or US-6766453-\$ or US-6715679-\$ or US-6687375-\$ or US-6529885-\$ or US-6512919-\$ or US-6470448-\$ or US-6435406-\$ or US-6405314-\$ or US-6378775-\$ or US-6378073-\$ or US-6377692-\$ or US-6366893-\$ or US- | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 14:38 |
|------|-----|--|--|----|----|---------------------|

6356752-\$ or US-6334575-\$
or US-6270011-\$ or US-
6263436-\$ or US-6257487-\$).
dtd. or (US-6226752-\$ or US-
6212290-\$ or US-6199099-\$
or US-6182892-\$ or US-
6175923-\$ or US-6175922-\$
or US-6137884-\$ or US-
6115601-\$ or US-6098053-\$
or US-6069969-\$ or US-
6067621-\$ or US-6044388-\$
or US-6010068-\$ or US-
6006328-\$ or US-6003767-\$
or US-6003762-\$ or US-
5949043-\$ or US-5917168-\$
or US-5869822-\$ or US-
5790677-\$ or US-5732148-\$
or US-5666420-\$ or US-
5644118-\$ or US-5631961-\$
or US-5598474-\$ or US-
5485312-\$ or US-5465328-\$).
dtd. or (US-5363453-\$ or US-
5256863-\$ or US-5239166-\$
or US-5194289-\$ or US-
5095194-\$ or US-4882195-\$
or US-4636622-\$ or US-
4582985-\$ or US-4253086-\$
or US-4182261-\$ or US-
6250557-\$ or US-7360689-\$
or US-7303120-\$ or US-
6747547-\$ or US-7306158-\$
or US-7182254-\$ or US-
7025256-\$ or US-7233926-\$
or US-6832721-\$ or US-
7337956-\$ or US-7017804-\$
or US-6824064-\$ or US-
6959873-\$ or US-7274295-\$
or US-7206769-\$ or US-
7315942-\$ or US-7136490-\$).
dtd. or (US-6910624-\$ or US-
7159770-\$ or US-6885877-\$
or US-7299983-\$ or US-
6776339-\$ or US-6658500-\$
or US-6934689-\$ or US-
6880761-\$ or US-7039440-\$
or US-6487540-\$ or US-
6502747-\$ or US-6834802-\$
or US-6681995-\$ or US-
6659345-\$ or US-7379904-\$
or US-7194545-\$ or US-
6804720-\$ or US-7024396-\$
or US-6968995-\$ or US-
7260596-\$ or US-6999936-\$
or US-6467684-\$ or US-
6422462-\$ or US-6327578-\$
or US-6189787-\$ or US-
5878141-\$ or US-5845259-\$).
dtd. or (US-5825863-\$ or US-
5761648-\$ or US-5724424-\$

or US-5712914-\$ or US-
5673309-\$ or US-5668950-\$
or US-5640447-\$ or US-
5511114-\$ or US-5353335-\$
or US-5249044-\$ or US-
4969183-\$ or US-4179686-\$
or US-6363151-\$ or US-
7289964-\$ or US-7133845-\$
or US-7133522-\$ or US-
7124302-\$ or US-7120800-\$
or US-7095854-\$ or US-
7076652-\$ or US-7069451-\$
or US-7051212-\$ or US-
6948070-\$ or US-6836651-\$
or US-6640304-\$ or US-
6614781-\$ or US-6601192-\$).
did. or (US-6427140-\$ or US-
6389402-\$ or US-6363488-\$
or US-6253193-\$ or US-
6237786-\$ or US-6154541-\$
or US-5982891-\$ or US-
5949876-\$ or US-5917912-\$
or US-5915019-\$ or US-
5910987-\$ or US-5892900-\$
or US-7379916-\$ or US-
7165174-\$ or US-7133846-\$
or US-7107246-\$ or US-
7100822-\$ or US-6934858-\$
or US-6658568-\$ or US-
5629981-\$).did. or (WO-
9909502-\$ or EP-1011273-\$).
did. or (JP-10098774-\$).did.
or (US-7167844-B-\$ or US-
20060266823-A-\$ or US-
20050194452-A-\$ or US-
20050122209-A-\$ or US-
6817521-B-\$ or WO-
2004066177-A-\$ or US-
6766453-B-\$ or US-
20040104268-A-\$ or US-
6687375-B-\$ or US-
20030174049-A-\$ or US-
20020176579-A-\$ or US-
20020163421-A-\$ or US-
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20020077993-A-\$ or US-
20020077974-A-\$ or WO-
0247319-A-\$ or WO-
0246985-A-\$ or WO-
0229739-A-\$ or WO-
0229708-A-\$ or US-6356752-
B-\$ or US-20020017561-A-\$
or WO-0208850-A-\$).did. or
(US-6334575-B-\$ or US-
20010045458-A-\$ or WO-

0188788-A-\$ or WO-
0182182-A-\$ or EP-1150262-
A-\$ or FR-2804810-A-\$ or
US-6270011-B-\$ or WO-
0130068-A-\$ or KP-
2001025234-\$ or WO-
0122329-A-\$ or EP-1083527-
A-\$ or US-6175922-B-\$ or
WO-0079367-A-\$ or JP-
2000341657-\$ or WO-
0069110-A-\$ or US-6137884-
\$ or WO-0054169-A-\$ or WO-
0035135-A-\$ or US-6044388-
\$ or WO-0002407-A-\$ or EP-
945821-A-\$ or GB-2333878-
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5869822-\$ or US-5790677-\$
or WO-9832113-A-\$ or JP-
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9827688-A-\$ or CA-2221016-
\$ or WO-9818251-A-\$ or GB-
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9659457-\$ or EP-731426-A-\$
or US-5553145-\$ or WO-
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9605576-A-\$ or US-5485312-
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2276737-\$ or WO-9410659-
A-\$ or WO-9309515-A-\$ or
US-5194289-\$ or US-
5095194-\$ or WO-9106920-\$
or EP-416916-\$ or EP-
379333-\$ or US-4882195-\$
or US-4636622-\$ or WO-
8203286-\$ or CA-1087735-\$
or US-4182261-\$ or NL-
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or WO-0046959-A-\$ or WO-
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or US-20010018660-A-\$ or
EP-1017030-A-\$ or US-
5878141-\$ or WO-9903057-
A-\$ or US-5825863-\$ or US-
5712914-\$ or WO-9750064-
A-\$ or US-5640447-\$ or WO-
9719549-A-\$ or WO-
9705555-A-\$ or WO-
9534161-A-\$ or GB-2288108-
\$ or WO-9516971-A-\$ or US-
5353335-\$ or US-5249044-\$
or US-4969183-\$ or BE-
860393-\$).did.

| | | | | | | |
|------|-----|--|---|----|----|---------------------|
| S131 | 43 | S130 and biometric | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 14:38 |
| S132 | 3 | S131 and (speech near recognition) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 14:38 |
| S133 | 1 | S132 and (barcode rfid) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 14:38 |
| S135 | 2 | "20040107170" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/08 13:40 |
| S136 | 2 | "20010037254" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/08 14:50 |
| S137 | 2 | (US-7025256-\$ or US- 7379916-\$).did. or (US- 20030174049-A-\$).did. | USPAT; DERWENT | OR | ON | 2009/03/16 13:42 |
| S138 | 0 | S137 and (local near (pin code number id identification)) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 13:43 |
| S139 | 240 | (US-200602266823-\$ or US- 20060229988-\$ or US- 20050194452-\$ or US- 20050122209-\$ or US- 20040104268-\$ or US- 20030174049-\$ or US- 20030061486-\$ or US- 20020196944-\$ or US- 20020176579-\$ or US- 20020163421-\$ or US- 20020107791-\$ or US- 20020107007-\$ or US- 20020097867-\$ or US- 20020095296-\$ or US- 20020087869-\$ or US- 20020087534-\$ or US- 20020082925-\$ or US- 20020077993-\$ or US- 20020077974-\$ or US- 20020073024-\$ or US- 20020018585-\$ or US- 20020017561-\$ or US- 20010053239-\$ or US- 20010045458-\$ or US- 20010037264-\$ or US- 20010010723-\$).did. or (US- | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/03/16 13:44 |

20010005840-\$ or US-
20010004231-\$ or US-
20070022058-\$ or US-
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20030007639-\$ or US-
20030004876-\$ or US-
20020181710-\$ or US-
20020112171-\$ or US-
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20010000505-\$ or US-
20020123967-\$ or US-
20020004831-\$ or US-
20010018660-\$ or US-
20010037254-\$).did. or (US-
7239346-\$ or US-7167844-\$
or US-7003499-\$ or US-
6957334-\$ or US-6931431-\$
or US-6926200-\$ or US-
6915951-\$ or US-6817521-\$
or US-6775777-\$ or US-
6766453-\$ or US-6715679-\$
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or US-6470448-\$ or US-
6435406-\$ or US-6405314-\$
or US-6378775-\$ or US-
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or US-6270011-\$ or US-
6263436-\$ or US-6257487-\$).
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or US-6010068-\$ or US-
6006328-\$ or US-6003767-\$
or US-6003762-\$ or US-
5949043-\$ or US-5917168-\$
or US-5869822-\$ or US-
5790677-\$ or US-5732148-\$
or US-5666420-\$ or US-
5644118-\$ or US-5631961-\$
or US-5598474-\$ or US-
5485312-\$ or US-5465328-\$).
did. or (US-5363453-\$ or US-
5256863-\$ or US-5239166-\$
or US-5194289-\$ or US-
5095194-\$ or US-4882195-\$

or US-4636622-\$ or US-4582985-\$ or US-4253086-\$ or US-4182261-\$ or US-6250557-\$ or US-7360689-\$ or US-7303120-\$ or US-6747547-\$ or US-7306158-\$ or US-7182254-\$ or US-7025256-\$ or US-7233926-\$ or US-6832721-\$ or US-7337956-\$ or US-7017804-\$ or US-6824064-\$ or US-6959873-\$ or US-7274295-\$ or US-7206769-\$ or US-7315942-\$ or US-7136490-\$). did. or (US-6910624-\$ or US-7159770-\$ or US-6885877-\$ or US-7299983-\$ or US-6776339-\$ or US-6658500-\$ or US-6934689-\$ or US-6880761-\$ or US-7039440-\$ or US-6487540-\$ or US-6502747-\$ or US-6834802-\$ or US-6681995-\$ or US-6659345-\$ or US-7379904-\$ or US-7194545-\$ or US-6804720-\$ or US-7024396-\$ or US-6968995-\$ or US-7260596-\$ or US-6999936-\$ or US-6467684-\$ or US-6422462-\$ or US-6327578-\$ or US-6189787-\$ or US-5878141-\$ or US-5845259-\$). did. or (US-5825863-\$ or US-5761648-\$ or US-5724424-\$ or US-5712914-\$ or US-5673309-\$ or US-5668950-\$ or US-5640447-\$ or US-5511114-\$ or US-5353335-\$ or US-5249044-\$ or US-4969183-\$ or US-4179686-\$ or US-6363151-\$ or US-7289964-\$ or US-7133845-\$ or US-7133522-\$ or US-7124302-\$ or US-7120800-\$ or US-7095854-\$ or US-7076852-\$ or US-7069451-\$ or US-7051212-\$ or US-6948070-\$ or US-6836651-\$ or US-6640304-\$ or US-6614781-\$ or US-6601192-\$). did. or (US-6427140-\$ or US-6389402-\$ or US-6363488-\$ or US-6253193-\$ or US-6237786-\$ or US-6154541-\$ or US-5982891-\$ or US-5949876-\$ or US-5917912-\$ or US-5915019-\$ or US-5910987-\$ or US-5892900-\$ or US-7379916-\$ or US-

7165174-\$ or US-713846-\$
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7100822-\$ or US-6934858-\$
or US-6658568-\$ or US-
5629981-\$).did. or (WO-
9909502-\$ or EP-1011273-\$).
did. or (JP-10098774-\$).did.
or (US-7167844-B-\$ or US-
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6817521-B-\$ or WO-
2004066177-A-\$ or US-
6766453-B-\$ or US-
20040104268-A-\$ or US-
6687375-B-\$ or US-
20030174049-A-\$ or US-
20020176579-A-\$ or US-
20020163421-A-\$ or US-
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20020107007-A-\$ or US-
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20020077974-A-\$ or WO-
0247319-A-\$ or WO-
0246985-A-\$ or WO-
0229739-A-\$ or WO-
0229708-A-\$ or US-6356752-
B-\$ or US-20020017561-A-\$
or WO-0208850-A-\$).did. or
(US-6334575-B-\$ or US-
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0188788-A-\$ or WO-
0182182-A-\$ or EP-1150262-
A-\$ or FR-2804810-A-\$ or
US-6270011-B-\$ or WO-
0130068-A-\$ or KR-
2001025234-\$ or WO-
0122329-A-\$ or EP-1083527-
A-\$ or US-6175922-B-\$ or
WO-0079367-A-\$ or JP-
2000341657-\$ or WO-
0069110-A-\$ or US-6137884-
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0035135-A-\$ or US-6044388-
\$ or WO-0002407-A-\$ or EP-
945821-A-\$ or GB-2333878-
\$ or WO-9933035-A-\$ or US-
5869822-\$ or US-5790677-\$
or WO-9832113-A-\$ or JP-
10187836-\$).did. or (WO-
9827688-A-\$ or CA-2221016-
\$ or WO-9818251-A-\$ or GB-
2317983-\$ or US-5631961-\$
or WO-9717678-A-\$ or AU-
9659457-\$ or EP-731426-A-\$
or US-5553145-\$ or WO-

| | | | | | | |
|------|----|---|---|----|----|---------------------|
| | | 9608786-A-\$ or WO-9605576-A-\$ or US-5485312-\$ or WO-9428498-A-\$ or GB-2276737-\$ or WO-9410659-A-\$ or WO-9309515-A-\$ or US-5194289-\$ or US-5095194-\$ or WO-9106920-\$ or EP-416916-\$ or EP-379333-\$ or US-4882195-\$ or US-4636622-\$ or WO-8203286-\$ or CA-1087735-\$ or US-4182261-\$ or NL-6915951-\$).did. or (NL-6512919-\$ or FR-1438250-\$ or WO-0046959-A-\$ or WO-0011624-A-\$ or WO-0209005-A-\$ or US-6422462-B-\$ or US-20010042784-A-\$ or US-20010018660-A-\$ or EP-1017030-A-\$ or US-5878141-\$ or WO-9903057-A-\$ or US-5825863-\$ or US-5712914-\$ or WO-9750064-A-\$ or US-5640447-\$ or WO-9719549-A-\$ or WO-9705555-A-\$ or WO-9534161-A-\$ or GB-2288108-\$ or WO-9516971-A-\$ or US-5353335-\$ or US-5249044-\$ or US-4969183-\$ or BE-860393-\$).did. | | | | |
| S140 | 36 | S139 and (local near (pin code number id identification)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 13:44 |
| S141 | 1 | S140 and ((mobile cell cellular wireless) near transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 13:46 |
| S142 | 1 | S141 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 13:47 |
| S143 | 36 | S140 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 13:48 |

| | | | | | | |
|------|--------|---|---|----|----|---------------------|
| S144 | 88 | S139 and ((local mobile cell cellular phone wireless) near (pin code number id identification)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 14:31 |
| S145 | 236666 | ((local mobile cell cellular phone wireless) near (pin code number id identification identity)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 14:37 |
| S146 | 1 | S145 and ((non-transmit\$4 ("not" adj transmit\$4) (non adj transmit\$4)) near (pin code number id identification identity)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 14:44 |
| S147 | 0 | S146 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 14:45 |
| S148 | 27 | S145 and ((non-transmit\$4 ("not" adj transmit\$4) (non adj transmit\$4)) near5 (pin code number id identification identity)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 14:45 |
| S149 | 13 | S148 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 14:45 |
| S150 | 58 | ((non-transmit\$4 ("not" adj (transmit\$4 sent\$3 send\$3)) (non adj transmit\$4)) near (pin code number id identification identity)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 14:51 |
| S151 | 13 | S149 and @ad<="20020808" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 14:51 |
| S152 | 3 | *20020141575" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:31 |

| | | | | | | |
|------|-----|---|--|----|----|---------------------|
| S153 | 241 | (US-20060266823-\$ or US- 20060229988-\$ or US- 20050194452-\$ or US- 20050122209-\$ or US- 20040104268-\$ or US- 20030174049-\$ or US- 20030061486-\$ or US- 20020196944-\$ or US- 20020176579-\$ or US- 20020163421-\$ or US- 20020107791-\$ or US- 20020107007-\$ or US- 20020097867-\$ or US- 20020095296-\$ or US- 20020087869-\$ or US- 20020087534-\$ or US- 20020082925-\$ or US- 20020077993-\$ or US- 20020077974-\$ or US- 20020073024-\$ or US- 20020018585-\$ or US- 20020017561-\$ or US- 20010053239-\$ or US- 20010045458-\$ or US- 20010037264-\$ or US- 20010010723-\$).did. or (US- 20010005840-\$ or US- 20010004231-\$ or US- 20070022058-\$ or US- 20050004875-\$ or US- 20040054630-\$ or US- 20030191719-\$ or US- 20030163431-\$ or US- 20030105721-\$ or US- 20030088784-\$ or US- 20030088781-\$ or US- 20030007639-\$ or US- 20030004876-\$ or US- 20020181710-\$ or US- 20020112171-\$ or US- 20020048369-\$ or US- 20010000505-\$ or US- 20020123967-\$ or US- 20020004831-\$ or US- 20010018660-\$ or US- 20010037254-\$ or US- 20020141575-\$).did. or (US- 7239346-\$ or US-7167844-\$ or US-7003499-\$ or US- 6957334-\$ or US-6931431-\$ or US-6926200-\$ or US- 6915951-\$ or US-6817521-\$ or US-6775777-\$ or US- 6766453-\$ or US-6715679-\$ or US-6687375-\$ or US- 6529885-\$ or US-6512919-\$ or US-6470448-\$ or US- 6435406-\$ or US-6405314-\$ or US-6378775-\$ or US- | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/03/28 16:33 |
|------|-----|---|--|----|----|---------------------|

6378073-\$ or US-6377692-\$
or US-6366893-\$ or US-
6356752-\$ or US-6334575-\$
or US-6270011-\$ or US-
6263436-\$ or US-6257487-\$).
did. or (US-6226752-\$ or US-
6212290-\$ or US-6199099-\$
or US-6182892-\$ or US-
6175923-\$ or US-6175922-\$
or US-6137884-\$ or US-
6115601-\$ or US-6098053-\$
or US-6069969-\$ or US-
6067621-\$ or US-6044388-\$
or US-6010068-\$ or US-
6006328-\$ or US-6003767-\$
or US-6003762-\$ or US-
5949043-\$ or US-5917168-\$
or US-5869822-\$ or US-
5790677-\$ or US-5732148-\$
or US-5666420-\$ or US-
5644118-\$ or US-5631961-\$
or US-5598474-\$ or US-
5485312-\$ or US-5465328-\$).
did. or (US-5363453-\$ or US-
5256863-\$ or US-5239166-\$
or US-5194289-\$ or US-
5095194-\$ or US-4882195-\$
or US-4636622-\$ or US-
4582985-\$ or US-4253086-\$
or US-4182261-\$ or US-
6250557-\$ or US-7360689-\$
or US-7303120-\$ or US-
6747547-\$ or US-7306158-\$
or US-7182254-\$ or US-
7025256-\$ or US-7233926-\$
or US-6832721-\$ or US-
7337956-\$ or US-7017804-\$
or US-6824064-\$ or US-
6959873-\$ or US-7274295-\$
or US-7206769-\$ or US-
7315942-\$ or US-7136490-\$).
did. or (US-6910624-\$ or US-
7159770-\$ or US-6885877-\$
or US-7299983-\$ or US-
6776339-\$ or US-6658500-\$
or US-6934689-\$ or US-
6880761-\$ or US-7039440-\$
or US-6487540-\$ or US-
6502747-\$ or US-6834802-\$
or US-6681995-\$ or US-
6659345-\$ or US-7379904-\$
or US-7194545-\$ or US-
6804720-\$ or US-7024396-\$
or US-6968995-\$ or US-
7260596-\$ or US-6999936-\$
or US-6467684-\$ or US-
6422462-\$ or US-6327578-\$
or US-6189787-\$ or US-
5878141-\$ or US-5845259-\$).

did. or (US-5825863-\$ or US-5761648-\$ or US-5724424-\$ or US-5712914-\$ or US-5673309-\$ or US-5668950-\$ or US-5640447-\$ or US-5511114-\$ or US-5353335-\$ or US-5249044-\$ or US-4969183-\$ or US-4179686-\$ or US-6363151-\$ or US-7289964-\$ or US-7133845-\$ or US-7133522-\$ or US-7124302-\$ or US-7120800-\$ or US-7095854-\$ or US-7076652-\$ or US-7069451-\$ or US-7051212-\$ or US-6948070-\$ or US-6836651-\$ or US-6640304-\$ or US-6614781-\$ or US-6601192-\$).
did. or (US-6427140-\$ or US-6389402-\$ or US-6363488-\$ or US-6253193-\$ or US-6237786-\$ or US-6154541-\$ or US-5982891-\$ or US-5949876-\$ or US-5917912-\$ or US-5915019-\$ or US-5910987-\$ or US-5892900-\$ or US-7379916-\$ or US-7165174-\$ or US-7133846-\$ or US-7107246-\$ or US-7100822-\$ or US-6934858-\$ or US-6658568-\$ or US-5629981-\$).
did. or (WO-9909502-\$ or EP-1011273-\$).
did. or (JP-10098774-\$).
did. or (US-7167844-B-\$ or US-20060266823-A-\$ or US-20050194452-A-\$ or US-20050122209-A-\$ or US-6817521-B-\$ or WO-2004066177-A-\$ or US-6766453-B-\$ or US-20040104268-A-\$ or US-6687375-B-\$ or US-20030174049-A-\$ or US-20020176579-A-\$ or US-20020163421-A-\$ or US-20020129087-A-\$ or WO-02067090-A-\$ or US-20020107007-A-\$ or US-20020095296-A-\$ or US-20020082925-A-\$ or US-20020077993-A-\$ or US-20020077974-A-\$ or WO-0247319-A-\$ or WO-0246985-A-\$ or WO-0229739-A-\$ or WO-0229708-A-\$ or US-6356752-B-\$ or US-20020017561-A-\$ or WO-0208850-A-\$).
did. or

(US-6334575-B-\$ or US-20010045458-A-\$ or WO-0188788-A-\$ or WO-0182182-A-\$ or EP-1150262-A-\$ or FR-2804810-A-\$ or US-6270011-B-\$ or WO-0130068-A-\$ or KR-2001025234-\$ or WO-0122329-A-\$ or EP-1083527-A-\$ or US-6175922-B-\$ or WO-0079367-A-\$ or JP-2000341657-\$ or WO-0069110-A-\$ or US-6137884-\$ or WO-0054169-A-\$ or WO-0035135-A-\$ or US-6044388-\$ or WO-0002407-A-\$ or EP-945821-A-\$ or GB-2333878-\$ or WO-9933035-A-\$ or US-5869822-\$ or US-5790677-\$ or WO-9832113-A-\$ or JP-10187836-\$).did. or (WO-9827688-A-\$ or CA-2221016-\$ or WO-9818251-A-\$ or GB-2317983-\$ or US-5631961-\$ or WO-9717678-A-\$ or AU-9659457-\$ or EP-731426-A-\$ or US-5553145-\$ or WO-9608786-A-\$ or WO-9605576-A-\$ or US-5485312-\$ or WO-9428498-A-\$ or GB-2276737-\$ or WO-9410659-A-\$ or WO-9309515-A-\$ or US-5194289-\$ or US-5095194-\$ or WO-9106920-\$ or EP-416916-\$ or EP-379333-\$ or US-4882195-\$ or US-4636622-\$ or WO-8203286-\$ or CA-1087735-\$ or US-4182261-\$ or NL-6915951-\$).did. or (NL-6512919-\$ or FR-1438250-\$ or WO-0046959-A-\$ or WO-0011624-A-\$ or WO-0209005-A-\$ or US-6422462-B-\$ or US-20010042784-A-\$ or US-20010018660-A-\$ or EP-1017030-A-\$ or US-5878141-\$ or WO-9903057-A-\$ or US-5825863-\$ or US-5712914-\$ or WO-9750064-A-\$ or US-5640447-\$ or WO-9719549-A-\$ or WO-9705555-A-\$ or WO-9534161-A-\$ or GB-2288108-\$ or WO-9516971-A-\$ or US-5353335-\$ or US-5249044-\$ or US-4969183-\$ or BE-860393-\$).did.

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|------|---|--|---|----|----|---------------------|
| S154 | 1 | S153 and ((two multiple) with (input parameter) with (key adj generat\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:34 |
| S155 | 3 | (US-20020141575-\$).did. or (US-7025256-\$ or US-7379916-\$).did. or (US-20030174049-A-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/03/28 16:38 |
| S156 | 1 | S155 and ((exclusive adj "OR") "XOR") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:40 |
| S157 | 4 | (US-20020141575-\$ or US-20040107170-\$).did. or (US-7025256-\$ or US-7379916-\$).did. or (US-20030174049-A-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/03/28 16:41 |
| S158 | 2 | S157 and ((exclusive adj "OR") "XOR") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:41 |
| S159 | 2 | S157 and ((wireless cell cellular mobile pda communication network channel) with (unsecur\$2 open (("not" non) adj secure \$2))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:54 |
| S160 | 3 | (US-20020141575-\$).did. or (US-7025256-\$ or US-7379916-\$).did. or (US-20030174049-A-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/11/09 10:15 |
| S161 | 1 | S160 and (session near key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 10:15 |
| S162 | 0 | S160 and (serial near number) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 10:27 |
| S163 | 0 | S160 and ((serial machine device) near number) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 10:27 |

| | | | | | | |
|------|---|--|---|----|----|---------------------|
| S164 | 0 | S160 and ((serial machine device) near (number id identifier identification code)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 10:31 |
| S165 | 2 | S160 and ((serial machine device) with (number id identifier identification code)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 10:31 |
| S166 | 2 | S160 and ((verify verification) with transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 10:50 |

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